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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

ALBUQUERQUE BRANCH
P. O. BOX 1348
Albuquerque, New Mexico

Phone 6741-Ext 108
Vol. 5, Nos. 3-4

220 East Central
Sept. & Oct. 1946

NOV 20 1946
U. S. DEPARTMENT OF AGRICULTURE

NEW BOOKS

ANGORAS FOR PROFIT, by R. G. Hodgson. 91 p. Fur trade journal of Canada
1942 40.2 H66.

Contents.- Introduction.- History of Angora Raising.- Starting with Angoras (gives standards).- Rabbit Pens and Equipment.- Harvesting of Wool (Canadian methods, clipping, plucking).- Feeding.- Breeding.

ANIMAL BREEDING PLANS, by J. L. Lush. 443 p. Iowa state college press
1945 40 L972.

Contents.- Background of Animal Breeding.- Genetic Principles in Animal Breeding.- Breeding plans Based on Selection.- Breeding Plans Based on Relationship.- Breeding Plans Based on Somatic Likeness. - Other Topics Concerning Breeding Plans.- Topics Relating to Production. - Summary.

THE ART OF PLAIN TALK, by Rudolf Flesch. 210 p. Harper 1946 200.4
F63 Ed.4

Dorothy Canfield Fisher says this is an "amusing treatise on how not to be dull and unintelligible in the use of your own language." USDAers will find this short book on how to get your meaning over to other people through the written word both interesting and instructive.

THE COOPERATIVE WAY; a method of world reconstruction. by J. P. Warbasse
184 p. Barnes & Noble 1946 280.2 W19Cw.

A well known authority on the cooperative movement presents here the possibilities of the cooperative method as a means toward world reconstruction. This method is contrasted with the capitalistic-profit way and with the political way of supplying economic needs.

Dr. Warbasse discusses recent developments in cooperative housing and health protection, gives concrete evidence of progress made in Europe, Asia, America and other lands, and shows how the movement can be carried on and expanded.

COTTON INSECTS OF THE UNITED STATES, by V. A. Little and D. F. Martin.
130 p. Burgess 1942 423 L72.

A manual on the biology and control of cotton insects. Part I deals with insects attacking squares, blooms and bolls. Part II describes pests of the foliage, stems and roots. The following information is given for each insect: scientific name, economic importance, origin, history and distribution, description, life history and methods of control.

DISEASES AND PARASITES OF RABBITS AND THEIR CONTROL. by M. W. Meek 3d ed. 189 p. Reliable fur industries 1943 41 M475D.

In this revised edition the author has listed every disease, parasite and disorder that has been identified as a rabbit ailment. The cause, symptoms and treatment is given for each disease.

A FEW BRASS TACKS, by Louis Bromfield 303 p. Harper 1946 280.12 B784
The author of Pleasant Valley writes about our economic world today, and its possibilities for tomorrow. Here again he emphasizes the importance of our natural resources, and declares that a nation's real wealth lies in the soil, conserved and cultivated. He points the way toward a general program of abundance, low prices and rational production methods.

FUNDAMENTAL PRINCIPLES OF PHYSICAL CHEMISTRY, by Carl F. Prutton. 780 p. Macmillan 1944 386 P952.

An elementary physical chemistry which covers the fundamental principles of the subject in a thorough, sound, up-to-date and clear manner.

THE GOLDEN THROG; A BOOK ABOUT BEES, by E. W. Teale 208 p. Dodd 1945 426 T22.

"The story of the bees," has been told by poets like Maeterlinck, by scientists like Huber and Lubbock, by practical beekeepers like Phillips and Root. These insects, with their harmonious, golden cities of wax, hold a perennial fascination for us. In adding this volume to the long list of bee books, I have sought-in addition to recording discoveries of recent years-to bring to the reader, through the eye of the camera, the age-old drama of life in the hive and in the bee's world of flower-filled fields. For there is beauty as well as mystery in the life of the bee."
-Foreword.

HORSES; THEIR SELECTION, CARE AND HANDLING, by M. C. Self. 170 p. Barnes 1943 42 S64.

Describing first the more familiar breeds of horses, their characteristics and purposes, the author proceeds to a discussion of essential riding and stable accessories. The feeding, grooming and general care of the horse is discussed, and there is a chapter on riding and one on first aid.

HOW TO CREATE JOB ENTHUSIAM, by Carl Hoyerl. 248 p. McGraw-Hill 1942 249.3 H51H.

Recognizing the importance enthusiasm plays in getting the job well done, the author presents definite manifestations of job enthusiasm. He reveals the causes of them and then points out the action executives and supervisors can take to develop good human relations and a state of mind which will result in happier, better employees.

HYDRAULIC PRINCIPLES, by James W. Etchison. 98 p. The Infantry journal. 1944. 290 Et1.

HYDRAULICS, by Charles W. Harris. 222 p. Wiley 1944. 290 H24.

HYDRAULICS AS APPLIED TO MACHINES. Henry Ford Trade School. 1945. 291 F752.

THE LIVING SOIL; EVIDENCE OF THE IMPORTANCE TO HUMAN HEALTH OF SOIL VITALITY, WITH SPECIAL REFERENCE TO POST-WAR PLANNING. By Evelyn B. Balfour. 258 p. Faber 1946 56.5 R19 Ed.6.

The author says that her book concerns health, food, soil, science, and post-war planning. It also concerns legislators, politicians, voters, taxpayers, farmers, gardeners, veterinarians, doctors - in fact all citizens, and it has been written for the layman as well as the scientist. The writer believes that food grown with chemicals does not have the nutritional value of food grown in a fertile soil. The answer lies in humus which produces a fertile soil hence healthy crops, and "the health of the crops...can be transmitted to animals."

OUR TREES, HOW TO KNOW THEM. By Wood, C. M. 295 p. Garden City pub. co. Ed. 5 1946 455 W41.

The illustrations are an outstanding feature of this book. All pictures have been photographed from nature and are presented so that the non-botanical reader can recognize at a glance either the whole tree or the leaves, flowers, fruits, or winter twigs, and thus be able to identify any tree he sees. The text gives especial attention to the distinguishing character of the various species, as well as to the more interesting phases of the yearly cycle of each. This new edition explains how to distinguish each species at any season of the year.

THE PLANT DOCTOR; the how, why and when of disease and insect control in your garden, by Cynthia Westcott. Rev. ed. 297 p. Stokes 1940 464.4 W52.

Because the author believes that when the gardener applies control measures is just as important as what he uses or how he uses them, the major part of her handbook is a garden calendar giving concise information on controlling insect pests and plant diseases.

The dates are for the vicinity of New York City and the western gardener will find it necessary to adapt the calendar - starting the work earlier in some sections, later in others. Chapter XIII discusses special troubles in the Southwest.

THE REVOLT OF THE SOUTH AND WEST, by A. G. Mezorik. 290 p. Duell, Sloan and Pearce. 1946 280.12 M57.

Emphasizing the need for studying "retardation" of industrial development in the South and West, the book gives a good analysis of economic weapons that southerners and westerners now have at hand. The TVA is cited as an example of the possibilities of advances through the development of the natural resources in these areas.

SPRAY CHEMICALS AND APPLICATION EQUIPMENT; a text book and hand book of the insecticide-fungicide industry and of application equipment, by J. A. McClintock and W. B. Fisher. 320 p. Greenlee co., inc. c1945 423 M13.

Comprehensive information on the use, adaptability and compatibility of spray chemicals. Stomach poisons, contact insecticides, fungicides, chemicals for rodent control, wood killers, and new chemicals are some of the subjects discussed. In the second part of the book many types of spray equipment are described and illustrated.

THE TRACTOR FIELD BOOK WITH POWER FARM EQUIPMENT SPECIFICATIONS. 292 p. Farm implement news co. 1946.

A compilation of facts and information on tractors, combines, corn

pickers, corn shellers, engines, forage harvesting machines, hammer mills, husker-shredders, silo fillers and threshers.

SELECTED PAMPHLETS

AGRICULTURAL ECONOMICS

CHANGES IN FARMING IN WAR AND PEACE. U.S. BUR. OF AGR. ECON. F.M. 58. 1946. 1.941 L6F22.
CROPLAND USE AND SOIL FERTILITY PRACTICE IN WAR AND PEACE. U.S. Bur. of Agr. Econ. F.M. 52. 1946 1.941 L6F22.
FARM PRODUCTION, FARM DISPOSITION, AND VALUE OF PRINCIPAL CROPS, 1944-45, by States. U.S. Bur. of Agri. Econ. 1946. 1.9 Ec71Prf.
FARM PRODUCTION IN WAR AND PEACE, U.S. Bur. of Agr. Econ. F.M. 53 1946 1.941 L6F22.
LIVESTOCK PRODUCTION IN RELATION TO LAND USE AND IRRIGATION IN THE ELEVEN WESTERN STATES. U.S. Bur. of Agr. Econ. 1946. 1.941 H2L752.
OUR LAST LAND FRONTIERS; HOW VETERANS AND OTHERS CAN SHARE THEM. U.S. Dept. of the Interior. 1945. Dept. Int.
PROPOSALS FOR A WORLD FOOD BOARD. Food and Agriculture Organization of the United Nations. 1946. Food & Agr.
SOME QUESTIONS AND ANSWERS ON WHERE AND HOW TO GET A FARM. USDA AIS-19 1946 1 Ag84Ai.

Answers such questions as: Can I get a free home-stead? What about a farm in Alaska? Are more farms to be opened up through irrigation and drainage? How can I get help in acquiring a farm?

TYPICAL FAMILY-OPERATED FARMS, 1930-45. Adjustments, costs, and returns. U.S. Bur. Agr. Econ. F.M. 55. 1946. 1.941 L6F22.
TYPICAL FAMILY-OPERATED FARMS, 1930-45. An historical look to the future. U.S. Bur. Agr. Econ. F.M. 56. 1946 1.941 L6F22.
WORLD FOOD SUPPLY. Food and Agriculture Organization of the United Nations. 1946. U.B. Food & Agr.

AGRICULTURAL ENGINEERING

RAISE YOUR ROOF; Bulletins and plans developed for farmers may help you build an emergency dwelling. U.S. B.P.I.S.A.E. 1946 1.965 F6R13.
SEWAGE AND GARBAGE DISPOSAL ON THE FARM. USDA Farmers' Bul. 1950 rev. 1946 1 Ag84F.

CROPS

CARROT PRODUCTION IN THE WEST AND SOUTHWEST. USDA Cir. 750. 1946. 1 Ag84C.
SWEET CORN VARIETIES IN THE LOWER RIO GRANDE VALLEY. Texas Agr. Exp. Sta. Progress rept. 977 1945 100 T31Pr.

ENTOMOLOGY

DDT AND OTHER INSECTICIDES AND REPELLENTS DEVELOPED FOR THE ARMED FORCES. USDA Misc. Pub. no. 606 1946 1 Ag84M.
DDT (DICHLORODIPHENYL - TRICHLOROETHANE) J. T. Baker Chemical Co. 1945. 387.1 B172.

A bibliography listing in brief form the releases from various governmental branches regarding DDT.

FIELD STUDIES ON THE EFFECT OF DDT ON AQUATIC INSECTS. U.S. Bur. of Ent. and Plant Quar. E-702. 1946 1.9 En83.
 LABORATORY STUDIES WITH DDT AGAINST THE MEXICAN FRUITFLY. U.S. Bur. of Ent. and Plant Quar. E-700. 1946. 1.9 En83.
 RECOMMENDATIONS OR SUGGESTIONS ON THE USE OF DDT FOR APPLE SPRAYING IN 1946. U.S. Bur. of Ent. and Plant Quar. 1946. 1.967 A2R24.
 THE USE OF DDT FOR ROACH CONTROL. U.S. Bur. Ent. and Plant Quar. E-701. 1946 1.9 En83.
 A VEGETABLE GARDENER'S HANDBOOK ON INSECTS AND DISEASES. USDA Miscol. pub. no. 605. May 1946 1 Ag84M.

HORTICULTURE

AMERICAN VIOLET CULTURE. U.S. B. P. I. S. A. E. 1.965 F4Af82.
 AMARYLLIS CULTURE. U.S. B. P. I. S. A. E. 1.965 F4Aml.
 ARIZONA HOME GARDENING. Ariz. Agr. Ext. Serv. Circ. 130 1946 275.29 Ar470
 CAMELLIA CULTURE. U.S. B. P. I. S. A. E. 1.965 F4C14.
 FERN CULTURE. U.S. B. P. I. S. A. E. 1.965 F4F392.
 GERANIUM CULTURE. U.S. B. P. I. S. A. E. 1.965 F4G312.
 GLADIOLUS CULTURE. U.S. B. P. I. S. A. E. 1.965 F4G4522.
 GLOXINIA CULTURE. U.S. B. P. I. S. A. E. 1.965 F4G51.
 SAVORY HERBS - CULTURE AND USE. USDA Farmers' Bul. 1977 1946 1 Ag84F.

RANGE & PASTURE

DISTINGUISHING CHARACTERISTICS OF SOME FORAGE-GRASS DISEASES PREVALENT IN THE NORTH CENTRAL STATES. USDA Circular 747. 1946. 1 Ag84C.
 HIGH ALTITUDE FORAGE INVESTIGATIONS IN SOUTHWESTERN COLORADO. Colo. Agr. Exp. Sta. Bul. 490 1946 100 C71sb.
 NEBRASKA PASTURES SEEDING AND MANAGEMENT. Neb. Agr. Exp. Sta. Circ. 67 1941 100 N27c.
 THE ROCKY MOUNTAIN FOREST AND RANGE EXPERIMENT STATION. Annual report, calendar year 1945. 1.9622 R2An7.
 SEEDING ARID RANGES TO GRASS WITH SPECIAL REFERENCE TO PRECIPITATION. Utah Agr. Exp. Sta. Circ. 122 1946. 100 Utlc.
 SOME PHYSICAL AND CHEMICAL RESPONSES OF AGROPYRON SPICATUM TO HERBAGE REMOVAL AT VARIOUS SEASONS. Utah Agr. Exp. Sta. Bul. 324. 1946 100 Utlb
 THE SOUTHWESTERN FOREST AND RANGE EXPERIMENT STATION. Annual report - calendar year 1945.
 SUPPLEMENTING AND IMPROVING DAIRY PASTURES. Ill. Ext. Serv. Circ. 553 1943 275.29 116s.

SOIL - FERTILIZERS

ABSTRACTS OF PAPERS PRESENTED AT THE MEETINGS OF THE WESTERN SOCIETY OF SOIL SCIENCE AT THE UNIVERSITY OF NEVADA, RENO. 1946. U.B. Soil.
 ARIZONA FERTILIZER CONTROL OFFICE. Seventh Annual report. Ariz. Agr. Exp. Sta. Spec. Bul. 1945 100 Ar.
 BIBLIOGRAPHY OF LITERATURE ON POTASH AS A PLANT NUTRIENT, Reviewed April 1940 through August 1940. American Potash Inst., Inc. 1946 U.B. Bibliog.
 COMMERCIAL FERTILIZERS FOR THE IRRIGATED SECTIONS OF WESTERN NEBRASKA. Neb. Agr. Exp. Sta. Bul. no. 365 1944. 100 N27b.
 FERTILIZERS AND LIME IN THE UNITED STATES - Resources, Production, Marketing and Use. USDA Miscol. Pub. 586 1946 1 Ag84F.
 FOOD CROPS NEED PHOSPHATE. USDA AIS 46. 1946. 1 Ag84Ai.

GYPSUM, A SOIL CORRECTIVE AND SOIL BUILDER. Ariz. Agr. Exp. Sta. Bul. 200. 1945 100 Ar.

LIST OF REFERENCES TO BORON LITERATURE January - March 1946. American potash Inst, inc. 1946 U.B. Bibliog.

PREPARATION OF AMMONIUM NITRATE FOR USE AS A FERTILIZER. USDA Tech. Bul. 912 1946 1 Ag84To.

THE SALT PROBLEM IN IRRIGATION AGRICULTURE. USDA Misc. Pub. no. 607. 1946. 1 Ag84M.

Research at the U.S. Regional Salinity Laboratory.

SCIENCE FOR THE FARMER. Pa. Agr. Exp. Sta. Bul. 475, Suppl. no. 2 1946. 100 P38b.

Contents.- Hunger signs of corn show fertilizer needs.- Complete fertilizer increases wheat yields on nearly all upland soils.- To

fertilize permanent pasture.- not to fertilize permanent pasture?

Hybrid vegetables vigorous but seed production limited by labor costs.-

Organic fungicides plus copper make better spray for tomatoes.

SULPHUR, A SOIL CORRECTIVE AND SOIL BUILDER. Ariz. Agr. Exp. Sta. Bul. 201. 1945 100 Ar.

SOIL CONSERVATION

CONSERVATION EDUCATION IN THE PUBLIC SCHOOLS. A summary of finding and recommendations of four conservation education conferences sponsored by the Soil Conservation Service March-August 1945. U.S. Soil conservation service. Conserv. Educ. Rept. no. 1 1.96 R27Co.

A DESERT IN YOUR OWN BACKYARD! Nat. Wildlife Fed. U.B. Cons.

HEALTH FROM THE GROUND UP, by Karl B. Mickey. 125 p. International harvester co. 1946 U.B. Health.

The booklet is a brief, popular introduction to the study of the connection between the soil and the health of the individual.

INVESTIGATIONS IN EROSION CONTROL AND RECLAMATION OF ERODED SANDY CLAY LANDS OF TEXAS, ARKANSAS, AND LOUISIANA AT THE CONSERVATION EXPERIMENT STATION, TYLER, TEX., 1931-40. USDA Tech. Bul. 916 1946 1 Ag84To.

OUR AMERICAN LAND - The story of its abuse and its conservation. USDA Misc. Pub. 596 1946 1 Ag84M.

PROTECT YOUR LAND. Missouri Pacific Lines. U.B. Soil Cons.

REVIEW OF DATA ON CONTOUR FURROWING, PASTURE AND RANGE LAND. U.S. Soil Conservation Service. 1945 1.96 R31Rc.

REVIEW OF TERRACING DATA ON CROP YIELD, RUN-OFF AND SOIL LOSS. U.S. Soil conservation service. 1945. 1.96 R31Rt.

THE SOIL CONSERVATION PROBLEM IN NEW MEXICO. University of New Mexico.

Department of Government. Division of research. 20pp. 1946 UB Soil Cons

SOIL, A FOUNDATION OF HEALTH, by A. P. Yorkes. 12 p. International Harvester co. 1946. U.B. Health.

SUMMARIZATION OF STRIP CROPPING DATA ON CROP YIELD, RUNOFF AND SOIL LOSS. U.S. Soil conservation service 1945 1.96 R31SS.

MISCELLANEOUS

ALASKA: U.S. Dept. of the Interior. 1946. Dept. Int.

BUILDING BLOCKS FROM NATURAL LIGHTWEIGHT MATERIALS OF NEW MEXICO. N.M. Bur. of mines and mineral resources Bul. 24 1946.

CERTAIN HYDROLOGIC AND CLIMATIC CHARACTERISTICS OF THE SOUTHWEST, by J. H. Dorroh, Jr. Univ. of N. M. Pub. in Eng. no. 1. 1946.

TO GOVERNMENT WRITERS: HOW DOES YOUR WRITING READ? U.S. Civil Serv. Comm. 1946. 165 H83.

